

II. Claim Amendments

Claims 1-27 (cancelled)

28. (New) A peptide or a mixture of peptides, prepared by rapid solution synthesis of a peptide in an organic solvent or a mixture of organic solvents, the process comprising repetitive cycles of steps (a)-(d):
- (a) a coupling step, using an excess of an activated carboxylic component to acylate an amino component,
 - (b) a quenching step in which a scavenger is used to remove residual activated carboxylic functions, wherein the scavenger may also be used for deprotection of the growing peptide,
 - (c) one or more aqueous extractions and optionally, (d) a separate deprotection step, followed by one or more aqueous extractions, wherein
- the process comprises at least one step (b), referred to as step (b'), in which an amine comprising a free anion or a latent anion is used as a scavenger of residual activated carboxylic functions.